

**Appln No. 10/714,462**  
**Amdt date June 2, 2006**  
**Reply to Office action of February 3, 2006**

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) An assembly for effecting the condition of a mitral valve annulus of a heart comprising:

a guide wire configured to be advanced to the coronary sinus of the heart; and  
a resilient mitral valve annulus device configured to be deformed and received on the guide wire and advanced into the coronary sinus of the heart on the guide wire and that reshapes the mitral valve annulus when in the coronary sinus of the heart, wherein the mitral valve annulus device is further configured to change from a deformed shape toward an unstressed shape having an arched configuration to reshape the mitral valve annulus when in the coronary sinus of the heart, and wherein the coronary sinus has a radius, the unstressed shape having a radius smaller than the radius of the coronary sinus.

2-7 (Cancelled)

8. (Original) The assembly of claim 1 wherein the guide wire is formed of a material visible under X ray.

9-10 (Cancelled)

11. (Currently Amended) The assembly of claim 1 further including an elongated introducer configured to be received on the guide wire ~~proximal to the device~~.

12. (Cancelled)

13. (Original) The assembly of claim 11 wherein the assembly further includes a releasable locking mechanism configured to releasably lock the device to the introducer.

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14. (Currently Amended) The assembly of claim 11 further including a guide tube having an inner lumen dimensioned for receiving ~~the guide wire and~~ the device and introducer when the device and introducer are received on the guide wire.

15. (Currently Amended) A method of deploying a mitral valve annulus constricting device within the coronary sinus of a heart, the method including the steps of comprising:

- ~~A. providing an elongated guide wire having a cross sectional dimension;~~
- ~~B. advancing the an elongated guide wire to the coronary sinus of the heart;~~
- ~~C. providing a guide tube having an inner lumen, the inner lumen having a cross sectional dimension greater than the cross sectional dimension of the guide wire;~~
- ~~D. advancing thea guide tube having an inner lumen to the coronary sinus of the heart onalong the guide wire ~~with the guide wire within the inner lumen of the guide tube;~~~~
- ~~E. providing a mitral valve annulus device configured to be received on the guide wire and within the inner lumen of the guide tube, the device including a proximal end;~~
- ~~F. providing a flexible elongated introducer configured to be received on the guide wire and within the inner lumen of the guide tube, the introducer having a distal end;~~
- ~~G. placing thea mitral valve annulus device onto the guide wire within the inner lumen of the guide tube;~~
- ~~H. placing thea flexible elongated introducer onto the guide wire within the inner lumen of the guide tube;~~
- ~~I. engaging the introducer with the device;~~
- ~~J. pushing advancing the device with the introducer in a distal direction along the guide wire and within the guide tube until the device is at least partially encircling the mitral valve within the coronary sinus of the heart; and~~
- ~~K. after the advancing step, withdrawing the introducer and the guide tube from the heart.~~

16. (Currently Amended) The method of claim 15 wherein the engaging step includes ~~the step I(1) of~~ releasably locking the device to the introducer.

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17. (Currently Amended) The method of claim 16 including the further step ~~J(1)~~ of releasing the device from the introducer after the advancing step and prior to withdrawing the introducer.

18. (Currently Amended) A method of deploying a mitral valve annulus reshaping device within the coronary sinus of a heart, the method including the steps of comprising:  
advancing a guide wire to the coronary sinus of the heart;  
advancing ~~the~~an elongated mitral valve annulus reshaping device ~~on~~along the guide wire and into the coronary sinus into a position such that the device at least partially encircles the mitral valve of the heart.

19. (Currently Amended) The method of claim 18 wherein the advancing step further includes ~~the steps of mounting an elongated flexible introducer onto the guide wire, engaging the~~an elongated flexible introducer with the device, and pushing~~advancing~~ the device distally into the coronary sinus with the introducer.

20. (Currently Amended) The method of claim 19 including deploying the device in the coronary sinus to cause reshaping of the mitral valve annulus and the further step of withdrawing the introducer after deploying the device.

21. (Original) The method of claim 20 wherein the engaging step includes releasably locking the device to the introducer.

22. (Currently Amended) The method of claim 21 including the further step of releasing the device from the introducer after the deploying step and prior to withdrawing the introducer.

23. (Currently Amended) The method of claim 19 including ~~the further steps of:~~  
providing an elongated flexible guide tube having an inner lumen, the inner lumen having a cross sectional dimension greater than the cross sectional dimension of the guide wire;

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advancing the guide tube to the coronary sinus of the heart ~~everalong~~ the guide wire ~~with~~ the guide wire ~~within the inner lumen of the guide tube~~; and

~~wherein the pushing step includes pushing~~ placing the device ~~along the guide wire and~~ within the guide tube and deploying the device in the coronary sinus to cause reshaping of the mitral valve annulus.

24. (Original) The method of claim 23 wherein the engaging step includes releasably locking the device to the introducer.

25. (Currently Amended) The method of claim 24 including ~~the further steps of~~ releasing the device from the introducer and withdrawing the introducer and the guide tube after deploying the device.

26. (New) An assembly for effecting the condition of a mitral valve annulus of a heart comprising:

a guide wire configured to be advanced to the coronary sinus of the heart; and

a resilient mitral valve annulus device configured to be deformed and received on the guide wire and advanced into the coronary sinus of the heart on the guide wire and configured to return toward its original shape with sufficient force to reshape the mitral valve annulus and reduce a gap of a mitral valve in the mitral valve annulus when in the coronary sinus of the heart.